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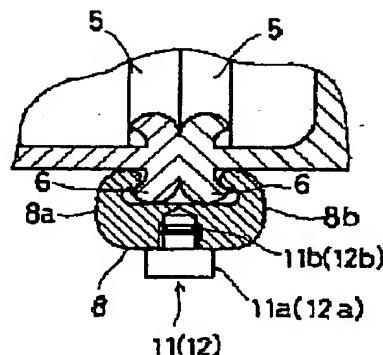
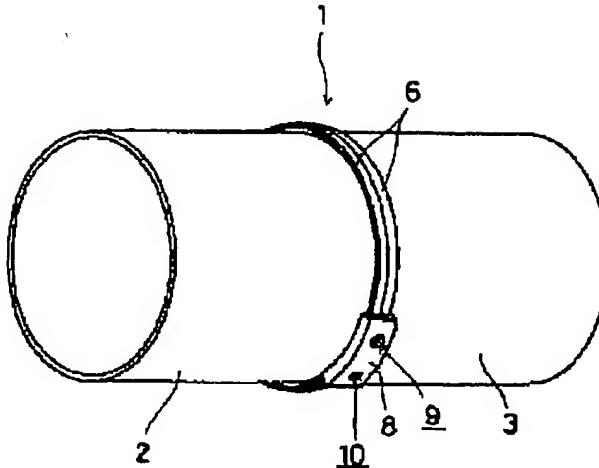
APPLICATION NUMBER : 10083144

APPLICANT : SHOWA CORP;

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TITLE : BALANCE PIECE MOUNTING
STRUCTURE OF PROPELLER SHAFT



ABSTRACT : PROBLEM TO BE SOLVED: To easily and efficiently perform the rebalancing fine adjustment of a propeller shaft by providing a first balance piece fixed to a desired part of a propeller shaft with a locking portion to which a second balance piece for fine adjustment can be fixed.

SOLUTION: Pressure welded warped burrs 5, 6 are formed on the inner periphery and outer periphery of a bonding portion of a propeller shaft 1, and a balance piece 8 is mounted on a desired part of the annular outer peripheral burr 6 of these pressure welded warped burrs 5, 6. That is, the balance piece 8 is formed by a metallic member curved along the peripheral direction of the propeller shaft 1, and comprises two screw holes 9, 10 on its outer periphery in a state that they are arranged side by side in the peripheral direction. The balance piece 8 is mounted in such manner that it passes the desired part of the annular outer peripheral burr 6, and both sides 8a, 8b thereof are bent in such manner that they surround the annular outer peripheral burr 6, to be caulked.

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